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RITTER, VAN PELT & YI LLP

MAR 13 2000

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Atty Dkt No. CISCP647      App. No. 09/469,715

DEC 30 2003

Inventor(s): James M. Gardner et al. By: CSK/jms

Technology Center 2600

Filing Date: 12/22/99      Date: March 3, 2000

For: WIDE RANGE FREQUENCY OFFSET  
ESTIMATION IN OFDM SYSTEMS

The following have been received in the U.S. Patent and  
Trademark Office on the date stamped hereon:

1. Response to Notice to File Missing Parts
2. Declaration



RITTER, VAN PELT & YI LLP

MAR 13 2000

DOCKETED

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on March 3, 2000 in an envelope as First Class Mail, addressed to: Assistant Commissioner for Patents, Washington, DC 20231.

Jacqui Sears  
JACQUI SEARS



Attorney Docket No.: CISCP647

First Named Inventor:

James M. Gardner et al.

Application No. 09/469,715

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Duplicate for  
fee processing

Sir: This is a Response to Notice to File Missing Parts in a patent application in the name of inventors:

James M. Gardner and Vincent K. Jones IV

For: WIDE RANGE FREQUENCY OFFSET ESTIMATION IN OFDM SYSTEMS

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RITTER, VAN PEEL & YI LLP

MAR 06 2000

**DOCKETED**

Application Elements:



Declaration



Newly executed (original or copy)



Copy from a prior application (37 CFR 1.63(d) for a continuation or divisional). The entire disclosure of the prior application from which a copy of the declaration is herein supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

Deletion of inventors Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Accompanying Application Parts:



Information Disclosure Statement with Form PTO-1449



Copies of IDS Citations



Preliminary Amendment (*New claims numbered after highest original claim in prior application.*)



Return Receipt Postcard



Verified Statement Claiming Small Entity Status filed in prior application. Status still proper and desired.



Other:

Amendments

Cancel in this application original claims \_\_\_\_\_ of the prior application before calculating the filing fee. (At least one original independent claim must be retained.)

Fee Calculation (37 CFR § 1.16)

	(Col. 1) <u>NO. FILED</u>	(Col. 2) <u>NO. EXTRA</u>	<u>RATE</u>	<u>SMALL ENTITY</u>	<b>OR</b>	<u>RATE</u>	<u>LARGE ENTITY</u>	
				<u>Fee</u>			<u>Fee</u>	
<b>BASIC FEE</b>				\$380	\$	OR	\$690	\$
<b>TOTAL CLAIMS</b>	<u>14</u>	<u>-20</u> =		x9	= \$	OR	x18 =	\$
<b>INDEP CLAIMS</b>	<u>2</u>	<u>-03</u> =		x39	= \$	OR	x78 =	\$
[ ] Multiple Dependent Claim Presented				\$130	= \$	OR	\$260 =	\$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.				Total	\$	OR	Total	\$ 690

Applicants petition for a two (2) month extension of time to respond under 37 CFR § 1.136(a).

Check No. 3062 in the amount of \$820.00 is enclosed.

General Authorizations

Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for this or any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 50-0685 (Order No. CISCP647 ).

The Commissioner is given general authorization to charge any fees or to credit any overpayment during the pendency of this application to Deposit Account No. 50-0685 (Order No. CISCP647 ).

Please send correspondence to the following address:

**Customer No. 21912**  
RITTER, VAN PELT & YI LLP  
4906 El Camino Real, Suite 205  
Los Altos, CA 94022

Date: 3-3-2000

DAN H. LANG  
DAN H. LANG  
Reg. No. 38,531



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
--------------------	---------------------	-----------------------	---------------------------

09/469,715 12/21/99 GARDNER J CISCP647

021912 0242/0202  
RITTER VAN PELT & YI, L.L.P. NOT ASSIGNED  
4906 EL CAMINO REAL  
SUITE 205  
LOS ALTOS CA 94022

2739

DATE MAILED:

02/02/00  
4/21/00

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
*Filing Date Granted*

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of  \$65.00 for a small entity in compliance with 37 CFR 1.27, or  \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

*If all required items on this form are filed within the period set above, the total amount owed by applicant as a  
 small entity (statement filed)  non-small entity is \$ 130.00*

1. The statutory basic filing fee is:

missing.  
 insufficient.

Applicant must submit \$ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

2. The following additional claims fees are due:

\$ for total claims over 20.

\$ for independent claims over 3.

\$ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

3. The oath or declaration:

is missing or unsigned.  
 does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

7. Your filing receipt was mailed in error because your check was returned without payment.

8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

*SJ*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202



2662/44

PTO/SB/21 (08-03)

Please type a plus sign (+) inside this box → 

Approved for use through 8/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/469715
		Filing Date	December 21, 1999
		First Named Inventor	JAMES M. GARDNER
		Group Art Unit	2662
		Examiner Name	HANH N. NGUYEN
Total Number of Pages in This Submission		Attorney Docket Number	CISCP647

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Return Postcard  <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 50-1652.

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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm and Individual name	RITTER, LANG & KAPLAN LLP DAN H. LANG, Reg. No. 38,531	
Signature		
Date	DECEMBER 15, 2003	

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown:

December 15, 2003

Typed or printed name	Karen A. Hallock		
Signature		Date	December 15, 2003

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# FEE TRANSMITTAL for FY 2003

Effective 01/01/03. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 420.00)

**METHOD OF PAYMENT (check all that apply)**  
 Check  Credit Card  MoneyOrder  Other  None  
 Deposit Account:

Deposit Account Number **50-1652**

Deposit Account Name **Ritter, Lang & Kaplan LLP**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80

**SUBTOTAL (1)** (\$0)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Claims	Extra	Fee from below	Fee Paid
Total Claims	-20**	= <input type="text"/> X <input type="text"/> = <input type="text"/>	
Independent Claims	-3**	= <input type="text"/> X <input type="text"/> = <input type="text"/>	
Multiple Dependent		X <input type="text"/> = <input type="text"/>	

Large Entity	Small Entity	Fee Description	
Fee Code	Fee (\$)	Fee Code	
1202	18	2202	9
1201	86	2201	43
1203	290	2203	145
1204	86	2204	43
1205	18	2205	9

**SUBTOTAL (2)** (\$0)

\*\*or number previously paid, if greater; For Reissues, see above

Complete if Known	
Application Number	09/469,715
Filing Date	December 21, 1999
First Named Inventor	JAMES M. GARDNER et al.
Examiner Name	HANH N. NGUYEN
Group Art Unit	2662
Attorney Docket No.	CISCP647

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FEE CALCULATION (continued)			
3. ADDITIONAL FEES			
Large Entity	Small Entity	Fee Code	Fee (\$)
		1051	130
		1052	50
		1053	130
		1812	2,520
		1804	920*
		1805	1,840*
		1251	110
		1252	420
		1253	950
		1254	1,480
		1255	2,010
		1401	330
		1402	330
		1403	290
		1451	1,510
		1452	110
		1453	1,330
		1501	1,330
		1502	480
		1503	640
		1460	130
		1807	50
		1806	180
		8021	40
		1809	770
		1810	770
		1801	770
		1802	900
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$420)

SUBMITTED BY					
Name (Print/Type)	DAN H. LANG	Registration No. (Attorney/Agent)	38,531	Telephone	408-446-8694
Signature				Date	DECEMBER 15, 2003

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimate to take 12 minutes to complete, including gathering, preparing, and submitting this completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.